

WHAT IS CLAIMED IS:

1. An isolated nucleic acid molecule comprising at a nucleotide sequence encoding an amino acid sequence drawn from the  
5 group consisting of SEQ ID NOS: 2, 4, 6, 8, 10, 12, 14, 16, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, and 49.

2. An isolated nucleic acid molecule comprising a nucleotide sequence that:

- 10 (a) encodes the amino acid sequence shown in SEQ ID NO: 4; and  
(b) hybridizes under stringent conditions to the nucleotide sequence of SEQ ID NO: 3 or the complement thereof.

15 3. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO:4.

20 4. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO:2.

25 5. An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO:12.

6. An isolated nucleic acid molecule comprising a nucleotide sequence that:

- 30 (a) encodes the amino acid sequence shown in SEQ ID NO: 29; and

(b) hybridizes under stringent conditions to the nucleotide sequence of SEQ ID NO: 28 or the complement thereof.

5           7.    An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO: 29.

10           8.    An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO: 33.

15           9.    An isolated nucleic acid molecule comprising a nucleotide sequence that encodes the amino acid sequence shown in SEQ ID NO: 25.